



State of New Jersey  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
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JON S. CORZINE  
Governor

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Commissioner

June 16, 2008

The Honorable Alan J. Steinberg  
Regional Administrator  
United States Environmental Protection Agency  
Region 2  
290 Broadway- 26<sup>th</sup> Floor  
New York, New York 10007-1866

Dear Regional Administrator Steinberg:

Enclosed are proposed revisions to the New Jersey State Implementation Plan (SIP) for the Attainment of the 1997 Annual Fine Particulate Matter (PM<sub>2.5</sub>) National Ambient Air Quality Standard (NAAQS).<sup>1</sup> The primary purpose of this proposed SIP is to demonstrate that New Jersey's areas within multi-state nonattainment areas will attain the 1997 PM<sub>2.5</sub> annual NAAQS. This plan also includes discussions of other related goals, including the new daily PM<sub>2.5</sub> standard of 35 micrograms per cubic meter, Regional Haze, Global Warming, environmental justice, ozone reduction, and air toxics reduction. This plan explains how the actions taken in this proposed SIP revision will also help the State meet its other air quality goals.

The primary components of this proposed SIP revision are:

- 1) A demonstration that the two multi-state nonattainment areas associated with New Jersey will attain the 1997 annual PM<sub>2.5</sub> health-based standard by April 5, 2010. This demonstration relies upon New Jersey and the rest of the Ozone Transport Commission (OTC) states implementing the "beyond on the way" control measures contained in the regional 2009 attainment modeling.
- 2) A Reasonably Available Control Technology (RACT) analysis which demonstrates that additional reductions of direct PM<sub>2.5</sub> and its precursors, SO<sub>2</sub> and NO<sub>x</sub>, from several major source categories, including petroleum refineries, fugitive dust sources, municipal waste combustors, #6 fuel oil-fired boilers, and stationary diesel engines, are reasonable. New

<sup>1</sup> New Jersey and the other states that share New Jersey's 1997 PM<sub>2.5</sub> multi-state nonattainment areas have always met the 1997 daily PM<sub>2.5</sub> health-based standard of 65 µg/m<sup>3</sup>. These same states face the challenge of meeting the new 2006 daily PM<sub>2.5</sub> standard of 35 µg/m<sup>3</sup>.

Jersey also intends to implement a long-term regional strategy to reduce the sulfur content of fuel oil consistent with the Mid-Atlantic/Northeast Visibility Union (MANE-VU) statement.<sup>2</sup>

- 3) A Reasonably Available Control Measures (RACM) analysis which demonstrates that there are no other Reasonably Available Control Measures that would advance the nonattainment areas' attainment date by one year.
- 4) Contingency measures for the State to implement in case New Jersey does not attain the 1997 annual PM<sub>2.5</sub> standard by April 5, 2010.
- 5) Proposed onroad vehicle emission budgets for use by the Metropolitan Planning Organizations to ensure their plans and programs are in conformance with the SIP. The proposed SIP revision addresses transportation conformity requirements for the 1997 annual PM<sub>2.5</sub> NAAQS. Each of the two Metropolitan Planning Organizations that have planning areas that include counties that are located within nonattainment areas<sup>3</sup> must meet these budgets (once they are approved by the USEPA) in order to ensure that their plans and programs are in conformance with the SIP.
- 6) A request that the USEPA, in reviewing the attainment demonstrations and other SIP revisions from other states, take into consideration their impact on New Jersey's attainment needs, and ensure that other states are doing all that is reasonable to help the multi-state nonattainment areas attain as soon as practicable.

In addition, the proposed SIP revision contains:

- Background and introductory information on direct PM<sub>2.5</sub> and its precursors;
- How the actions committed to in this proposed PM<sub>2.5</sub> SIP revision support the State's other PM-related air quality challenges;
- A summary of PM<sub>2.5</sub> ambient air quality and inventory trends data for New Jersey and its associated multi-state nonattainment areas;
- Detailed descriptions of all the control measures relied upon in the proposed SIP revision;
- A reaffirmation of New Jersey's actions and commitments with respect to transported emissions, as required by Section 110 (a)(2)(D)(i) of the Clean Air Act (and commonly referred to as the transport SIP requirement); and,
- A summary of all New Jersey's commitments and requests of the USEPA.

A public hearing on this proposed SIP revision is tentatively scheduled for August 7, 2008, at 10:00 a.m. at the New Jersey Department of Environmental Protection, 401 East State Street, Trenton, New Jersey. Written comments relevant to the proposal may be submitted until the close of business on August 14, 2008 to: New Jersey Department of Environmental Protection,

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<sup>2</sup> MANE-VU. Statement of the Mid-Atlantic/Northeast Visibility Union (MANE-VU) Concerning a Course of Action within MANE-VU toward Assuring Reasonable Progress. Adopted June 20, 2007.

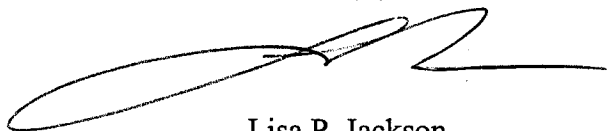
<sup>3</sup> The two Metropolitan Planning Areas affected are the North Jersey Transportation Planning Authority (NJTPA) and the Delaware Valley Regional Planning Commission (DVRPC).

Alice A. Previte, Esq., Attn: DEP Docket No. 08-08-06, P.O. Box 402, 401 East State Street,  
Trenton, N.J. 08625-0402

We request parallel processing of this proposed SIP. We would like to thank Paul Truchan, Bob Kelly, Kirk Wieber, Raymond Forde, and Matt Laurita, as well as the rest of the staff at the USEPA - Region 2, who commented on drafts of this proposal.

If you have any questions regarding this proposal, please contact Chris Salmi, Assistant Director of Air Quality Management in the NJDEP's Division of Air Quality, at (609) 984-1484.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Lisa P. Jackson', with a large, sweeping loop at the end.

Lisa P. Jackson  
Commissioner

Enclosure: SIP Document

c: Kris Kolluri, NJDOT Commissioner  
Nancy Wittenberg, Assistant Commissioner  
William O'Sullivan, Director  
Chris Salmi, Assistant Director  
Ray Werner, USEPA